

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated December 14, 2005 has been received and its contents carefully reviewed.

Claim 27 is currently amended. Claims 27-34 are pending. Reexamination and reconsideration of the pending claims are respectfully requested.

In the Office Action, claims 27-29 and 33-34 are rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,147,667 to Yamazaki et al. (hereinafter "Yamazaki"). Claims 30-32 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Yamazaki.

The rejection of claims 27-29 and 33-34 as being anticipated by Yamazaki is respectfully traversed and reconsideration is requested.

Claim 27 is allowable over Yamazaki in that the structure of claim 27 recites a combination of elements including, for example, "wherein the controller unit includes an active layer in which silicon grains have a length beyond a single-pulse lateral growth distance." Yamazaki does not teach at least these features of the claimed invention. That is, Yamazaki merely teaches that an amorphous silicon film is grown by a CVD or sputtering method and that after the amorphous silicon film is grown, the film is crystallized to form a polysilicon film. See column 6, lines 19-32. Thus, Yamazaki is completely silent with respect to the "length" of "silicon grains." Therefore, Yamazaki does not teach "a controller unit in the third region of the first substrate, wherein the pixel array, driver circuit and controller unit are integrally located on the first substrate, and wherein the controller unit includes an active layer in which silicon grains have a length beyond a single-pulse lateral growth distance." Accordingly, because Yamazaki fails to teach these features of claim 27, Applicant respectfully submits that claim 27 and claims 28, 29, 33 and 34, which depend therefrom, are allowable over Yamazaki.

The rejection of claims 30-32 as being unpatentable over Yamazaki is respectfully traversed and reconsideration is requested.

Yamazaki does not teach or suggest "wherein the controller unit includes an active layer in which silicon grains have a length beyond a single-pulse lateral growth distance," as recited in independent claim 27. As stated above, Yamazaki is completely silent with respect to the "length" of "silicon grains." Therefore, Yamazaki does not contain any teachings or suggestions to cure the deficiencies as discussed above with regard to independent claim 27. For at least this reason, claims 30-32, which depend from claim 27, are allowable over Yamazaki.

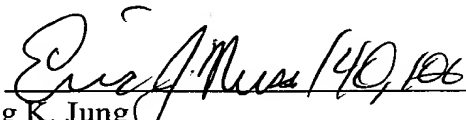
Applicant believes the foregoing amendments place the application in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: March 14, 2006

Respectfully submitted,

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